

I023359  
-001



**Fw: Beekill Incident Report: Utah**  
**Norman Spurling** to: Thomas Steeger  
Cc: Nicholas Mastrolta, Melissa Panger, Frank Davido

10/25/2011 08:51 AM

Thanks. This one will be I023359-001 in IDS.  
Norman Spurling  
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----- Forwarded by Norman Spurling/DC/USEPA/US on 10/25/2011 08:50 AM -----

From: Thomas Steeger/DC/USEPA/US  
To: Norman Spurling/DC/USEPA/US@EPA  
Date: 10/25/2011 06:45 AM  
Subject: Beekill Incident Report

Attached please find a beekill incident report for Mr. Jaird Taylor of [REDACTED] Utah.



Beekill Incident Report\_Taylor 10\_24\_11.docx

Please let me know if you need any additional information.

Tom Steeger

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**\*Personal privacy information\***

**Beekill Incident Report**

**October 24, 2011**

Mr. Jaird Taylor of [REDACTED] Utah [REDACTED] (435 619 3005), reported that he moved 102 honey bee colonies into [REDACTED] on October 2, 2011. He has used this location for the past 6 years. Although the colonies appeared fine on October 13 and were in the middle of "honey flow", "handfuls" of dead bees started to appear at the entrances of hives on Oct 15 and by Oct 18, the number of dead bees at the hive entrances doubled. Mr. Taylor collected dead bee samples on Oct 20 and the samples were place in his freezer. By October 22, no queens were apparent in the colonies, no eggs had been laid and there were no field bees in any of the 102 colonies; he describes the colonies as ranging from moderate to near collapse conditions.

According to Mr. Taylor, the county reported spraying for mosquitos using Kontrol® 4-4 (permethrin + piperonyl butoxide) along the bike path adjacent to the river where rabbit brush is in bloom (likely source of forage for the bees). However, in a follow-up discussion with the County, they reported that the area had not been sprayed since Sept 23, 2011. Previously they had indicated that the area had been sprayed 7 – 10 days prior. Mr. Taylor's apiary is within 0.25 mi of the river; however, the apiary is obscured from site and may not have been visible to the spray truck operator. Mr. Taylor noted that in previous years the country would notify him of a spray event and he would move his bees without harm.

According to Mr. Taylor, the county apiary inspector took pictures of the colonies as did the police. Mr. Taylor plans to send the frozen bee samples to Dr. Maryann Frazier at Penn State University for pesticide residue analysis. Mr. Taylor had not contacted the State Dept. of Agriculture and was not clear on the process to follow for reporting the beekill incident.

Thomas Steeger